

**WE CLAIM:**

1. A moist wax-impregnated towelette comprising a substantially low-lint fabric sheet substantially uniformly impregnated with an aqueous silicone-based car wax emulsion comprising a silicone oil, an amino functional silicone, a wax, isopropanol, a nonionic emulsifier, a cationic emulsifier, an antistatic agent and a silicone polyether wetting agent.

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2. The wax-impregnated towelette of claim 1 wherein the fabric sheet comprises melt-blown polypropylene.

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3. The wax-impregnated towelette of claim 1 wherein the fabric sheet is impregnated with an amount of aqueous silicone-based car wax emulsion in the range of about 30 to about 170 grams of emulsion per square meter of fabric.

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4. The wax-impregnated towelette of claim 3 wherein the fabric sheet is impregnated with an amount of aqueous silicone-based car wax emulsion in an amount of about 140 grams of emulsion per square meter of fabric.

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5. The wax-impregnated towelette of claim 1 wherein the aqueous silicone-based car wax emulsion comprises about 90 to about 97 weight percent water.

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6. A wax-impregnated towelette comprising a substantially low-lint fabric sheet impregnated with an aqueous silicone-based car wax emulsion comprising:

- a) about 1 to about 5 weight percent isopropanol;
- b) about 0.5 to about 1 weight percent silicone oil;
- c) about 0.01 to about 1 weight percent amino-functional silicone;
- d) about 0.001 to about 0.15 weight percent wax;
- e) about 0.05 to about 0.15 weight percent cationic emulsifier;
- f) about 0.01 to about 0.08 weight percent of a nonionic emulsifier;
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- g) about 0.01 to about 0.1 weight percent antistatic agent; and

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h) about 0.05 to about 0.5 weight percent silicone/polyether wetting agent.

7. The wax-impregnated towelette of claim 6 wherein the fabric sheet comprises melt-blown polypropylene.

5 8. The wax-impregnated towelette of claim 6 wherein the fabric sheet is impregnated with an amount of aqueous silicone-based car wax emulsion in the range of about 30 to about 170 grams of emulsion per square meter of fabric.

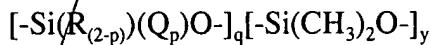
10 9. The wax-impregnated towelette of claim 8 wherein the low-lint fabric sheet is impregnated with an amount of aqueous silicone-based car wax emulsion in an amount of about 140 grams of emulsion per square meter of fabric.

15 10. The wax-impregnated towelette of claim 6 wherein the silicone oil is a polydimethylsiloxane having a viscosity in the range of about 10 to about 60,000 centistokes.

11. The wax-impregnated towelette of claim 10 wherein the silicone oil is a polydimethylsiloxane having a viscosity in the range of about 10 to about 5000 centistokes.

20 12. The wax-impregnated towelette of claim 6 wherein the silicone oil is a polydimethylsiloxane having a viscosity in the range of about 10 to about 1000 centistokes.

25 13. The wax-impregnated towelette of claim 6 wherein the amino-functional silicone is a polymer comprising repeating units represented by the general formula:



wherein Q represents the radicals:

30  $\text{R}'_2\text{N-R}''-$ ,  $\text{R}'_2\text{N-R}''-\text{N}(\text{R}')-\text{R}''-$  and  $\text{R}'_2\text{N-R}''-\text{O-R}''-$

R is  $C_1 - C_{18}$  alkyl or  $C_6 - C_{10}$  aryl; R' represents hydrogen or monovalent hydrocarbon radicals having 1 to about 18 carbon atoms; R" is a substituted or unsubstituted divalent  $C_1 - C_{18}$  hydrocarbon radical, a substituted or unsubstituted divalent alkyleneoxy group in which the oxygen provides an ether linkage, or an unsaturated divalent  $C_4 - C_{18}$  hydrocarbon radical; p is number having a value in the range of about 1 to about 2; q is a number having value in the range of about 1 to about 2000; and y is a number having value in the range of about 0 to about 2000; with the proviso that the sum of q and y is at least about 15.

14. The wax-impregnated towelette of claim 6 wherein the wax is selected from the group consisting of a vegetable wax, a mineral wax, an animal wax, a silicone wax, and a mixture thereof.

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10 15. The wax-impregnated towelette of claim 6 wherein the cationic surfactant is selected from the group consisting of an amine, an aliphatic or rosin amine ethoxylate, an amidoamine, a quaternary ammonium salt, and a mixture thereof.

16. The wax-impregnated towelette of claim 6 wherein the silicone polyether wetting agent is a block copolymer of polyalkylene oxide and polydimethylsiloxane.

20 17. The wax-impregnated towelette of claim 16 wherein the polyalkylene oxide is polyethylene oxide.

18. The wax-impregnated towelette of claim 6 wherein the silicone oil and the amino-functional silicone are present in the aqueous silicone-based car wax emulsion in a weight ratio in the range of about 1:1 to about 10:1.

25 19. The wax-impregnated towelette of claim 18 wherein the weight ratio of silicone oil to amino-functional silicone is about 6:1

20. The wax-impregnated towelette of claim 6 wherein the silicone oil and the silicone polyether wetting agent are present in the aqueous silicone-based car wax emulsion in a weight ratio in the range of about 2:1 to about 5:1.

30 21. The wax-impregnated towelette of claim 20 wherein the weight ratio of silicone oil to silicone polyether wetting agent is about 3:1.

22. The wax-impregnated towelette of claim 6 wherein the silicone oil and the cationic emulsifier are present in the aqueous silicone-based car wax emulsion in a weight ratio in the range of about 5:1 to about 10:1.

5 23. The wax-impregnated towelette of claim 22 wherein the weight ratio of silicone oil to cationic emulsifier is about 8:1.

24. The wax-impregnated towelette of claim 6 wherein the silicone oil and the nonionic emulsifier are present in the aqueous silicone-based car wax emulsion in a weight ratio in the range of about 10:1 to about 30:1.

10 25. The wax-impregnated towelette of claim 24 wherein the weight ratio of silicone oil to nonionic emulsifier is about 20:1.

26. The wax-impregnated towelette of claim 6 wherein the aqueous silicone-based car wax emulsion has a water content of about 90 to about 97 weight percent.

15 27. The wax-impregnated towelette of claim 6 wherein the aqueous silicone-based car wax emulsion further comprises up to about 15 weight percent of additional components selected from the group consisting of neutralizing agents, UV absorbers, solvents, preservatives, fragrances, anti-foaming agents and polishing agents.

20 28. An article of manufacture comprising a moist wax-impregnated towelette in packaged form, wherein the wax-impregnated towelette comprises a low-lint fabric sheet impregnated with an aqueous silicone-based car wax emulsion comprising a silicone oil, an amino-functional silicone, a wax, isopropanol, a nonionic emulsifier, a cationic emulsifier, an antistatic agent and a silicone polyether wetting agent.

25 29. The article of manufacture of claim 28 wherein an individual moist wax-impregnated towelette is packaged in a single-use, substantially hermetically-sealed, disposable pouch.

30 30. The article of manufacture of claim 28 wherein a plurality of moist wax-impregnated towelettes are packaged in a re-sealable, moisture-tight, dispensing container.

31. The article of manufacture of claim 28 comprising a continuous roll of low-lint fabric impregnated with an aqueous silicone-based car

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wax emulsion comprising a silicone oil, an amino-functional silicone, a wax, isopropanol, a nonionic emulsifier, a cationic emulsifier, an antistatic agent and a silicone polyether wetting agent, packaged in a re-sealable dispensing container.

5 .       32.      The article of manufacture of claim 31 wherein the dispensing container comprises a cutting aid adapted for cutting portions of the roll into individual sheets.

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*a1*       33.      The article of manufacture of claim 31 wherein the continuous roll is perforated across the width of the role at regular intervals along the length of the roll.